

# Aspose HTML Cloud SDK

This repository contains Aspose.HTML Cloud SDK source code. This SDK allows you to work with Aspose.HTML Cloud REST APIs in your applications quickly and easily.

See [API Reference](#) for full API specification.

## How to use the SDK?

The complete source code is available in this repository folder, you can either directly use it in your project.

## Requirements

- mac OS X 10.12.6
- XCode 9.2
- Swift 5.1 and later
- Alamofire 4.9.1 and later

## Prerequisites

To use Aspose HTML for Cloud SDK you need to register an account with [Aspose Cloud](#) and lookup/create App Key and SID at [Cloud Dashboard](#). There is free quota available. For more details, see [Aspose Cloud Pricing](#).

## Installation & Usage

## Getting Started

Before create configuration, then use HtmlAPI or StorageAPI (see tests)

### Possible conversions:

- HTML -> PDF, XPS, DOCX, MD, MHTML, JPEG, BMP, PNG, GIF, TIFF
- EPUB -> PDF, XPS, DOCX, JPEG, BMP, PNG, GIF, TIFF
- MD -> PDF, XPS, DOCX, HTML, MHTML, JPEG, BMP, PNG, GIF, TIFF
- MHTML -> PDF, XPS, DOCX, JPEG, BMP, PNG, GIF, TIFF

Example:

```
import Alamofire
import Foundation
import XCTest
import AsposeHtmlCloud

static let fm = FileManager.default
let resourceDir = fm.homeDirectoryForCurrentUser.appendingPathComponent("Documents/Aspose.HTML.Cloud.SDK.Swift")
let resultDir = fm.homeDirectoryForCurrentUser.appendingPathComponent("Documents/Aspose.HTML.Cloud.SDK.Swift")

func url(forResource fileName: String) -> URL {
    return resourceDir.appendingPathComponent(fileName)
}

func fileExist(name: String) -> Bool {
    return FileManager.default.fileExists(atPath: name)
}

ClientAPI.setConfig(
    basePath: "https://api.aspose.cloud/v4.0",
    authPath: "https://api.aspose.cloud/connect/token",
    apiKey: "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX",
    appSID: "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
    debugging: true
)
```

```
let fileName = "test1.html"
let src = url(forResource: fileName).absoluteString

let expectation = self.expectation(description: "testConvert to \(format)")
let dst = resultDir.appendingPathComponent("LocToLocDoc.\(format)").absoluteString
HtmlAPI.convertLocalToLocal(src: src, dst: dst, options: nil) { (data, error) in

    guard error == nil else {
        XCTFail("Error get convert html to \(format)). Error=\(error!.localizedDescription)")
        return
    }
    let resultPath = data!.file!
    XCTAssertTrue(fileExist(name: resultPath))
    expectation.fulfill()
}

self.waitForExpectations(timeout: testTimeout, handler: nil)
```

## Documentation for API Endpoints

All URIs are relative to <https://api.aspose.cloud/v4.0>

Class	Method	Description
HtmlAPI	<a href="#">convertLocalToLocal</a>	Convert the HTML or EPUB document from local disk to a local disk.
HtmlAPI	<a href="#">convertLocalToStorage</a>	Convert the HTML or EPUB document from local disk to user's storage.
HtmlAPI	<a href="#">convertStorageToLocal</a>	Convert the HTML or EPUB document from user's storage to local disk.
HtmlAPI	<a href="#">convertStorageToStorage</a>	Convert the HTML or EPUB document from user's storage to user's storage.
HtmlAPI	<a href="#">convertUrlToLocal</a>	Convert the HTML document by URL to local disk.
HtmlAPI	<a href="#">convertUrlToStorage</a>	Convert the HTML document by URL to user's storage.
HtmlAPI	<a href="#">convert</a>	Convert the HTML, EPUB or URL to the specified format.

## Documentation For Authorization

### oauth

- **Type:** OAuth2
- **Flow:** application
- **Authorization URL:** "https://api.aspose.cloud/connect/token"
- **Scopes:** N/A

### Examples

Test uses StorageApi for upload(download) file to(from) remote storage.

## Documentation for Storage API Endpoints

All URIs are relative to <https://api.aspose.cloud/v4.0>

Class	Method	Description
StorageAPI	<a href="#">deleteFile</a>	Delete file
StorageAPI	<a href="#">downloadFile</a>	Download file
StorageAPI	<a href="#">uploadFile</a>	Upload file
StorageAPI	<a href="#">createFolder</a>	Create the folder
StorageAPI	<a href="#">deleteFolder</a>	Delete folder
StorageAPI	<a href="#">getFilesList</a>	Get all files and folders within a folder
StorageAPI	<a href="#">getDiscUsage</a>	Get disc usage
StorageAPI	<a href="#">objectExists</a>	Check if file or folder exists
StorageAPI	<a href="#">storageExists</a>	Check if storage exists

# Documentation for Models

- [DiscUsage](#)
- [ErrorDetails](#)
- [FilesList](#)
- [FilesUploadResult](#)
- [FileVersion](#)
- [FileVersions](#)
- [ModelError](#)
- [ObjectExist](#)
- [StorageExist](#)
- [StorageFile](#)

[Tests](#) contain various examples of using the Aspose.HTML and Aspose.Storage SDK.